

Practitioner's Docket No. U 013454-0

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: YARON CASPI

Serial No.: 09/852,891

Group No.: 2625

Filed: May 10, 2001

Examiner : Kanjibhai Patel

For: APPARATUS AND METHOD FOR SPATIO-TEMPORAL ALIGNMENT OF
IMAGE SEQUENCE

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

We draw the attention of the Examiner to the attached references which are also
listed on the attached Form PTO-1449.

Respectfully submitted,

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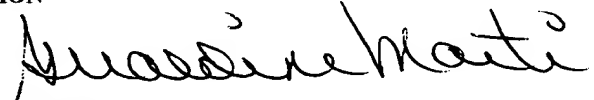
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FORM PTO-1449		U. S DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.	SERIAL NO.
			U 013454-0	09/852,891
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT		
(Use several sheets if necessary)		YARON CASPI		
		FILING DATE	GROUP	
		MAY 10, 2001	2625	
OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)				
	AA ✓	J. R. Bergen, P. Anandan, K. J. Hanna, and R. Hingorani. Hierarchical model-based motion estimation. In European Conference on Computer Vision, pages 237-252, 1992.		
	AB ✓	J. R. Bergen, P. J. Burt, R. Hingorani, and S. Peleg. A three frame algorithm for estimating two-component image motion. IEEE Trans. on Pattern Analysis and Machine Intelligence, 14:886-896, September 1992.		
	AC ✓	P. J. Burt and E. H. Adelson The laplacian pyramid as a compact image code. IEEE Transactions on Communication, 31:532-540, 1983.		
	AD	Olivier Faugeras. Three-Dimensional Computer Vision--A Geometric Viewpoint. MIT Press, Cambridge, Mass., 1996.		
	AE	M. A. Fischler and R. C. Bolles. Ransac random sample consensus: a paradigm for model fitting with applications to image analysis and automated cartography. In Communications of the ACM, volume 26, 1981.		
	AF ✓	F. R. Hampel, P. J. Rousseeuw, and W. A. Stahel E. Ronchetti. Robust Statistics: The Approach Based on Influence Functions. John Wiley, New York, 1986. A Book.		
	AG	K. Hanna. Direct multi-resolution estimation of ego-motion and structure from motion. In IEEE Workshop on Visual Motion, pages 156-162, Princeton, N.J.,		
	AH ✓	C. G. Harris and M. Stephens. A combined corner and edge detector. In 4th Alvey Vision Conference, 1988.		
	AI ✓	B. K. P. Horn and B. G. Schunck. Determining optical flow. Artificial Intelligence, 17:185-203, 1981.		
	AJ ✓	M. Irani and P. Anandan. Parallax geometry of pairs of points for 3d scene analysis. In European Conference on Computer Vision, Cambridge, UK, April 1996.		
	AK ✓	M. Irani, B. Rousso, and S. Peleg. Detecting and tracking multiple moving objects using temporal integration. In European Conference on Computer Vision, pages 282-287, Santa Margarita Ligure, May 1992.		
	AL ✓	M. Irani, P. Anandan, J. Bergen, R. Kumar, and S. Hsu, Efficient Representations of Video Sequences and Their Applications. Signal Processing: Image Communication, special issue on Image and Video Semantics: Processing, Analysis, and Application, Vol. 8, No. 4, May 1996.		
EXAMINER			DATE CONSIDERED	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				

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	AM	Paul Viola and William M. Wells III, "Alignment by maximization of mutual information," International Journal of Computer Vision (IJCV), 24(2): 137-154, 1997.	
	AN	Y. Caspi and M. Irani. A step towards sequence-to-sequence alignment. In IEEE Conference on Computer Vision and Pattern Recognition, Hilton Head Island, S.C., June 2000.	
	AO	R. Kumar, P. Anandan, and K. Hanna. Direct recovery of shape from multiple views: a parallax based approach. In Proc 12th ICPR, pages 685-688, 1994.	
	AP	Harpreet Sawhney. 3d geometry from planar parallax. In IEEE Conference on Computer Vision and Pattern Recognition, June 1994.	
	AQ	Z. Zhang, R. Deriche, O. Faugeras, and Q. Luong. A robust technique for matching two uncalibrated images through the recovery of the unknown epipolar geometry. Artificial Intelligence, 78:87-119, 1995.	
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